PTO/SB/21 (08-00) ₩₩ê twoe a plus sign (+) inside this box → + Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/852,207 TRANSMITTAL May 9, 2001 Filing Date FORM First Named Inventor Robert W. Balliett (to be used for all correspondence after initial filing) **Group Art Unit** 1754 N/A **Examiner Name** Total Number of Pages in This Submission Attorney Docket Number 6160-1P59B ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment / Response (Appeal Notice, Brief, Reply Brief) After Final Petition Proprietary Information Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Copy of originally filed Terminal Disclaimer Submission of Declaration and Express Abandonment Request Powers of Attorney and Request for Refund **Assignment** Information Disclosure Statement CD, Number of CD(s) Post Card Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application AMAR JOON SEC Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Kathryn E. Noll 48.811 Individual name Signature Date CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: October 22, 2001

Burden Hour Statement: This form is estimated to lake 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

Typed or printed name

Signature

Kathryn E. Noll

PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 inside this box --> + U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/852,207 **Application Number** TRANSMITTAL **Filing Date** May 9, 2001 **FORM** Robert W. Balliett First Named Inventor (to be used for all correspondence after initial filing) Group Art Unit 1754 N/A **Examiner Name Attorney Docket Number** 6160-1P59B Total Number of Pages in This Submission ENCLOSURES (check all that apply) Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment / Response (Appeal Notice, Brief, Reply Brief) Petition Proprietary Information ☐ After Final Petition to Convert to a ☐ Status Letter Affidavits/declaration(s) Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): DeclarationS(2 Terminal Disclaimer Power of Attorney Express Abandonment Request Request for Refund Post Card Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application PRECEIVED TO 1700 Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Kathryn E. Noll 48,811 Individual name Signature Date CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: September 24, 2001 Typed or printed name Kathryn E. Noll Date Signature Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Cines: U.S. DEPARTMENT OF COMMERCE
Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, the persons are required to res	posta to a concessor or inform	action and a disprey of a series	
		Complete if Known	
FEE TRANSMITTAL	Application Number	09/852,207	40
/O \ Prop FY 2001	Filing Date	May 9, 2001	A P
A STATE OF MAN	First Named Inventor	Robert W. Balliett	· O · O .
Patent fees are subject to annual revision.	Examiner Name	N/A	7. %
E L	Group / Art Unit	1754	
TOTAL TOTAL PAYMENT (\$) 40	Attorney Docket No.	06160-1-P59B	

ATOTA	Kerral .	Várðy	PAYR	ENT (\$)	40		Attorne	y Docke	t No.	06160)-1-P59B	
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Acco		03-2	410 Orge	r No.:06160-1-P5	986		105	130	205	65	Surcharge - late filing fee or oath	
							127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Depo		Perk	ins, Smith	& Cohen			139	130	139	130	Non-English specification	
Nam							147	2,520	147	2,520	For filing a request for reexamination	
	harge An Under 37						112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
	Applicant See 37 C			y status.			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
2.	Payme	nt Enclo	sed:				115	110	215	55	Extension for reply within first month	
	Check	□ Ci	redit card	Money	☐ Other		116	390	216	195	Extension for reply within second month	
				Order			117	890	217	445	Extension for reply within third month	
1, (BASIC FII	ING F		ALCULATION			118	1,390	218	695	Extension for reply within fourth month	
Large	Entity		Entity				128	1,890	228	945	Extension for reply within fifth month	
Fee	•	Fee	Fee	Fee Description	1		119	310	219	155	Notice of Appeal	
Code	(8)	Code	(\$)		Fe	e Pald	120	310	220	155	Filing a brief in support of an appeal	
101		201		Utility filing fee	ļ		121	270	221	135	Request for oral hearing	
106 107		206 207		Design filing fee Plant filing fee			138	1,510	138	1,510	Petition to institute a public use proceeding	
108	710	208	355	Reissue filing fee	,		140	110	240	55	Petition to revive - unavoidable	
114	150	214	75	Provisional filling	fee		141	1,240	241	620	Petition to revive - unintentional	
							142	1,240	242	620	Utility issue fee (or reissue)	
ļ		S	UBTOTA	L (1)	(\$)	0	143	440	243	220	Design issue fee	
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-: -	or oura		•	Extra F	ee from	Fee	122	130	122	130	Petitions to the Commissioner	
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Independe Claims	nt	╡.	-3 =	o x	80 =	0	126	180	126	180	Submission of Information Disclosure Stmt	
Multiple Dependent	0		;	×[= [0	581	40	581	40	Recording each patent assignment per property (times number of properties)	40
Large Fee	Entity Fee	Small Fee	Entit Fee				146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code 103	(\$) 18	Code 203		Fee Descript Claims in exc			149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
103	80	202	40		claims in exces	ss of 3						
104	270	204	135	•	ndent claim, if		179	710	279		Request for Continued Examination (RCE)	
109	80	209	40	** Reissue ind original paten	dependent clair t	ms over	169	900	169	900	Request for expedited examination of a design application	
110	18	210	9		aims in excess	of 20 and	011-1	(L.A.			
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				- F O-i	- shave		*Redu	ced by Ba	ısic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 40	
Tor nu	nper previo	usly paid	a, ir greate	r; For Reissues, se	e above							

/	SUBMITTED BY				Con	plete (if applicable)
ľ						
l	Name (Print/Type)	Kathryn E. Noll	Registration No. Attorney/Agent)	48,811	Telephone	617-854-4000
l	Signature	Mathry	is- Wall		Date	Sentember 24, 2001
		7/	/ 1		Į.	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Approved for use through 10/31/2002. OMB 0651-0032

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	Complete if Known				
IN 17 2001 WI 17 2002 PHYNT fees are subject to annual revision. TRADE AMOUNT OF PAYMENT (\$) 130	Application Number	09/852,207			
10 · Factor FY 2001	Filing Date	May 9, 2001			
M 17 200 &	First Named Inventor	Robert W. Balliett			
	Examiner Name	N/A			
() () () () () () () () () ()	Group / Art Unit	1754			
TOWN AMOUNT OF PAYMENT (\$) 130	Attorney Docket No.	06160-1-P59B			

						
METHOD OF PAYMENT (check one)				FEE C	CALCULATION (continued)	
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. AD	DITIONAL Large	L FEES	Small		-
Deposit	Fee Code	Entity Fee (\$)	Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
Account 03-2410 Order No.:06160-1-P59B Number	105	130	205	65	Surcharge - late filing fee or oath	130
Deposit	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Account Perkins, Smith & Cohen	139	130	139	130	Non-English specification	
Name	147	2,520	147	2,520	For filing a request for reexamination	
☑ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
Applicant claims small entity status. See 37 CFR 1.27	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
2. 🔀 Payment Enclosed:	115	110	215	55	Extension for reply within first month	
図 Check	116	390	216	195	Extension for reply within second month	
FEE CALCULATION	117	890	217	445	Extension for reply within third month	
BASIC FILING FEE	118	1,390	218	695	Extension for reply within fourth month	
Large Entity Small Entity	128	1,890	228	945	Extension for reply within fifth month	
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	119	310	219	155	Notice of Appeal	\square
(,,	120	310	220	155	Filing a brief in support of an appeal	
101 710 201 355 Utility filing fee 106 320 206 160 Design filing fee	121	270	221	135	Request for oral hearing	<u> </u>
107 490 207 245 Plant filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	
108 710 208 355 Reissue filing fee	140	110	240	55	Petition to revive – unavoidable	M.
114 150 214 75 Provisional filling fee	141	1,240	241	620	Petition to revive – unintentional	
SUBTOTAL (1) (\$) 0	142	1,240	242	620	Utility issue fee (or reissue)	
005101AE(1)	143	440	243	220	Design issue fee	<i> </i>
2. EXTRA CLAIM FEES	144	600	244	300	Plant issue fee	-
Extra Fee from Fee Claims below Paid	122	130	122	130	Petitions to the Commissioner Petitions related to provisional	
Total Claims20 = X18 = 0	123	130	123	130	applications Submission of Information Disclosure	<u> </u>
rdependent Claims -3 = 0 X 80 = 0	126	180	126	180	Stmt Recording each patent assignment	
Aultiple Opependent X = 0	581	40	581	40	per property (times number of properties)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code (\$) Code (\$)	149	710	249	355	For each additional invention to be	
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3	l				examined (37 CFR § 1.129(b))	
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	179	710	279	355	Request for Continued Examination (RCE)	•
109 80 209 40 "Reissue independent claims over original patent	169	900	169	900	Request for expedited examination of a design application	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Others	/				
SUBTOTAL (2) (\$) 0	Other to	ee (specify	y)			
	*Reduc	ced by Ba	sic Filing	Fee Pa	aid SUBTOTAL (3) (\$) 130	
**or number previously paid, if greater; For Reissues, see above	1				<u> </u>	

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	Kathryn E. Noll	Registration No. Attorney/Agent)	48,811	Telephone	617-854-4000		
Signature	Hathry	n E. 11 /vll		Date	October 22, 2001		

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THE LIGHTED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Robert W. Balliett, et al.

Examiner: Unknown

Confirmation No.: 3853

Serial Number:

09/852,207

Art Group: 1754

Filed: Att'y Docket No.

May 9, 2001

06160-1P59B

For:

PRODUCTION OF PURE MOLYBDENUM OXIDE FROM

LOW GRADE MOLYBDENITE CONCENTRATES

CERTIFICATE OF MAILING

By

KATHRYNJE. NOLL

Reg. No. 48,811

Attorney for Applicant

Perkins, Smith & Cohen, LLP One Beacon Street, 30th Floor Boston, MA 02108-3106

MAR 1. S ADOS CONTROL

To:

Assistant Commissioner of Patents

Washington, D.C. 20231

RESPONSE TO FILE MISSING PARTS

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated October 15, 2001, an original executed Declaration and Powers of Attorney were mailed via first class mail on September 24, 2001 prior to getting a Response to File Missing Parts from the United States Patent and Trademark. Therefore, enclosed please find copies of the Submission of Declaration, Powers of Attorney and Assignment which was mailed on September 24, 2001

submitted herewith the Response to File Missing Parts together with a copy of the Notice to File Missing Parts and a check for \$130.00 covering the required fee for the Response to File Missing Parts.

Please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, order 6160-1P59B.

In accordance with Section 714.01 of the M.P.E.P., the following information is presented in the event that a call may be deemed desirable by the Examiner:

Please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, order 06160-1P59B.

In accordance with Section 714.01 of the M.P.E.P., the following information is presented in the event that a call may be deemed desirable by the Examiner:

Kathryn E. Noll

(617) 854-4000

Respectfully submitted,

Robert W. Balliett, et al. Applicants

Dated: //ct 22, , 2001

Bv:

KATHRYM E. NOLL

Reg. No. 48,811

Attorney for Applicants

Perkins, Smith & Cohen, LLP One Beacon Street Boston, MA 02108-3106

617 - 854 - 4000

UNITED STATES FATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023I
WWW.uspto.gov

APPLICATION NUMBER

O9/852,207

FILING/RECPIPT DATE
FIRST NAMED APPLICANT
FIRST NAMED APPLICANT
ATTORNEY DOCKET NUMBER

O9/852,207

OS/89/2001

Robert W. Balliett

OOVERBASS FILING FIRST NAMED APPLICANT

OS/89/2001

ROBERT W. Balliett

26486
PERKINS, SMITH & COHEN LLP
ONE BEACON STREET
30TH FLOOR
BOSTON, MA 02108

CONFIRMATION NO. 3853

FORMALITIES LETTER

OC000000006908940*

Date Mailed: 10/15/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The signature of the following inventor(s) is missing from the oath or declaration: Lawrence F. McHugh & Harry H. K. Nauta
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply-

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

MAR 19 2002

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Atty Docket: 6160-1P59B Date: September 24, 2001 Applicant: Robert W. Balliett, et al. Group Art Unit: 1754 Serial No.: 09/852,207 Filed: May 9, 2001 Please date stamp this card and return it to us to indicate that you have received the following documents.

- 1. Transmittal Form (1 page);
- 2. Fee Transmittal (1 page; 2 copies);
- 3. Submission of Declaration, Power of Attorney and Assignment (2 pages);
- 4. Declaration**S**(Apages);
- 5. Power of Attorney (1 page);
- 6. Recordation Form COVEFRKINS, PSMITH & GOHEN, LLP;
- 7. Assignment (2 pages); and
- 8. a check in the amount of \$40.00 (Ck# 020323)

9-25-01 D'DOCKETED on



STATES PATENT AND TRADEMARK OFFICE

Applicants:

Robert W. Balliett, et al.

09/852,207 Serial Number:

Filed:

For:

May 9, 2001

Att'y Docket No.

06160-1P59B

PRODUCTION OF PURE MOLYBDENUM OXIDE FROM

Examiner: Unknown

Confirmation No.: 3853

Art Group: 1754

LOW GRADE MOLYBDENITE CONCENTRATES

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on

Reg. No. 48,811

Attorney for Applicant

Perkins, Smith & Cohen, LLP One Beacon Street, 30th Floor Boston, MA 02108-3106

MAR I. 9 2002 CO

To:

Assistant Commissioner of Patents

Washington, D.C. 20231

SUBMISSION OF DECLARATION, POWEROF ATTORNEY AND ASSIGNMENT

Sir:

Enclosed please find a signed declaration, power of attorney, and assignment for Lawrence McHugh and a signed declaration for Harry H.K. Nauta for the aboveidentified application. The other five inventors have already signed the declaration submitted with the initial filing of this application. It was only recently discovered that Lawrence McHugh and Harry H.K. Nauta had not signed the enclosed documents.

Please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, order 06160-1P59B.

In accordance with Section 714.01 of the M.P.E.P., the following information is presented in the event that a call may be deemed desirable by the Examiner:

Kathryn E. Noll

(617) 854-4000

Respectfully submitted,

Robert W. Balliett, et al. Applicants

Dated: Sept.24, 2001

By:

KATHRYN E. NOLL

Reg. No. 48,811

Attorney for Applicants

Perkins, Smith & Cohen, LLP One Beacon Street Boston, MA 02108-3106

617 - 854 - 4000